

Lethal Dose HW

Read and outline (Cornell style) **Section 11.1** in your chemistry textbook. Then answer the following assessment questions. ****YOUR SECTION OUTLINE MUST BE AT LEAST ½ PAGE WITH AT LEAST 3-4 QUESTIONS TO GET A FULL-CREDIT HOMEWORK STAMP!!****

1. How is a mole similar to a dozen?
2. What is the relationship between Avogadro's number and one mole?
3. Explain why chemists use the mole.
4. Determine the number of atoms in 2.50 mol Zn. (See the example problems in the section for a guideline of how to set it up and solve.)
5. How many moles is 5.75×10^{24} atoms of Al? (See the example problems in the section for a guideline of how to set it up and solve.)